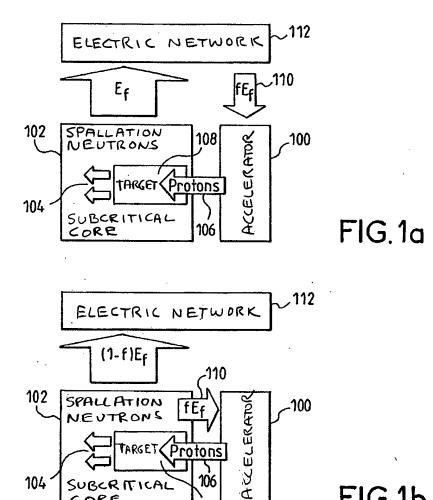
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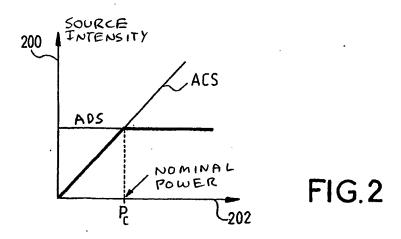
FIG.1b

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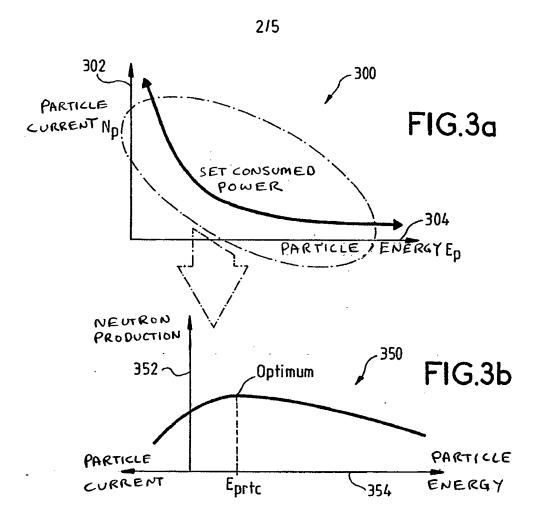
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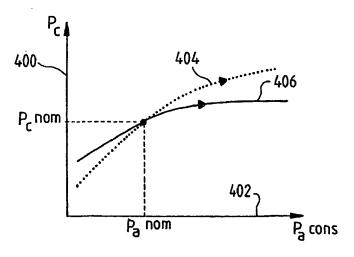


FIG.4

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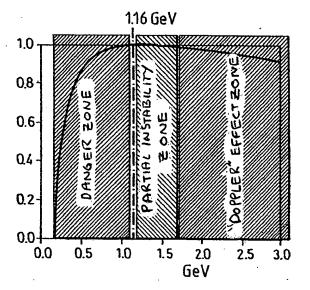


FIG.5a

Inventor: Pavel Bokov et al. Title: METHOD OF IMPROVING THE SAFETY OF ACCELERATOR COUPLED HYBRID NUCLEAR SYSTEMS, AND DEVICE FOR

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701. TARGET 702. BEAM 703. BUFFER 704. ACCELERATOR TU BE

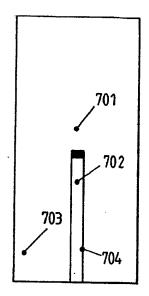
Configuration A: TARGET;  $^{238}$ U,  $D_{\text{TARGE}}$ 7 4 cm,  $L_{\text{TARGE}}$ 7 4 cm buffer:  $^{\text{nat}}$ Pb,  $D_{\text{buffer}}$  = 40 cm,  $L_{\text{buffer}}$  = 80 cm

Configuration B: TARGET:  $^{238}$ U,  $D_{\text{TARGET}} = 4 \text{ cm}$ ,  $L_{\text{TARGET}} = 2 \text{ cm}$ buffer:  $^{\text{nat}}$ Pb,  $D_{\text{buffer}} = 40 \text{ cm}$ ,  $L_{\text{buffer}} = 80 \text{ cm}$ 

Configuration C:

TARGET 238U, D = 4 cm, L = 2 cm

buffer: absent



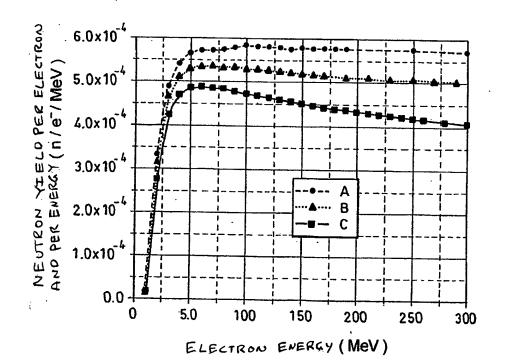


FIG.5b

Inventor: Pavel Bokov et al.
Title: METHOD OF IMPROVING THE SAFETY
OF ACCELERATOR COUPLED HYBRID
NUCLEAR SYSTEMS, AND DEVICE FOR

IMPLEMENTING THE SAME Our Ref. GRY-142US; Cust No. 23122

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